



YFPGGFP Sequence.ST25.txt
SEQUENCE LISTING

<110> SCHUTTE, Jerome S.

<120> System and Method for Detecting Bioanalytes and Method for Producing a Bioanalyte Sensor

<130> 03-016

<140> 10/649,433

<141> 2003-08-26

<160> 1

<170> PatentIn version 3.3

<210> 1

<211> 6729

<212> DNA

<213> Escherichia coli

<400> 1	60
gtttgacagc ttatcatcga ctgcacggtg caccaatgct tctggcgta ggcagccatc	120
ggaagctgtg gtatggctgt gcaggctgta aatcaactgca taattcggtgt cgctcaaggc	180
gcactcccgt tctggataat gtttttgcg ccgacatcat aacggttctg gcaaataattc	240
tgaaatgagc tggtgacaat taatcatccg gctcgataa tgtgtggaat tgtgagcgga	300
taacaatttc acacaggaaa cagcggcgct gagaaaaagc gaagcggcac tgctctttaa	360
caatttatca gacaatctgt gtgggcactc gaccggatt atcgattaac tttattatta	420
aaaattaaag aggtatatata taatgtatcg attaaataag gaggeraaaa ccatggtag	480
caaggcgag gagctgttca ccgggggtgtt gccccatcctg gtcgagctgg acggcgacgt	540
aaacggccac aagttcagcg tgtccggcga gggcgagggc gatgccacct acggcaagct	600
gaccctgaag ttcatctgca ccaccggcaa gctgcccgtg ccctggccca ccctcgtagc	660
cacccctggc tacggcctgc agtgcttcgc ccgctacccc gaccacatga agcagcacga	720
cttcttcaag tccgccccatgc ccgaaggcta cgtccaggag cgccacatct tcttcaagga	780
cgacggcaac tacaagaccc gcccggaggt gaagttcgag ggcacacccc tggtaaccg	840
catcgagctg aagggcatcg acttcaagga ggacggcaac atccctggggc acaagctgga	900
gtacaactac aacagccaca acgtctatat catggccgac aagcagaaga acggcatcaa	960
ggtgaacttc aagatccgccc acaacatcga ggacggcagc gtgcagctcg ccgaccacta	1020
ccagcagaac acccccatcg gcgacggccc cgtgctgctg cccgacaacc actacctgag	1080
ctaccagtcc gccctgagca aagaccccaa cgagaagcgc gatcacatgg tcctgctgga	1140
gttcgtgacc gccgcccggta tcactctcgatggacgag ctgtacaaga ctatgtctg tagtgcgaa	1200
taatcgatt ggtgttaacaa tctataagta cgacgataac tttatgtctg tagtgcgaa	1260
ggctattgag caagatgcga aagccgcgcc agatgttcag ctgctgatga atgattctca	

YFPGGFP Sequence.ST25.txt

gaatgaccag tccaaggcaga acgatcagat cgacgtattt ctggcccaagg gggtaaggc	1320
actggccatc aacctggttt acccgccagc tgccggtacg gtgattgaga aagcgcgtgg	1380
gcaaaacgtg cccgtggttt tcttcaccaa agaaccgtct cgtaaggcgc tggatagcta	1440
cgacaaagcc tactacgttg gcactgactc aaaagagtcc ggcattattc aaggcgattt	1500
gattgctaaa cactggggcgg cgaatcaggg ttggatctg aacaaagacg gtcagattca	1560
gttcgtactg ctgaaagggtg aaccgggcca tccggatgca gaagcacgta ccacttacgt	1620
gattaaagaa ttgaacgata aaggcatcaa aactgaacag ttacagttttag ataccgcaat	1680
gtgggacacc gctcaggcga aagataagat ggacgcctgg ctgtctggcc cgaacgcca	1740
caaaatcgaa gtggatatcg ccaacaacga tgcgatggca atggcgcgg ttgaagcgct	1800
gaaagcacac aacaagtcca gcattccggt gtttggcgtc gatgcgctgc cagaaggcgt	1860
ggcgcgtggtg aaatccggtg cactggcggg caccgtactg aacgatgcta acaaccaggc	1920
gaaagcgtacc tttgatctgg cgaaaaacct ggccgatggt aaaggcgcgg ctgatggcac	1980
caactggaaa atcgacaaca aagtggtccg cgtaccttat gttggcgttag ataaagacaa	2040
cctggctgaa tttagcaaga aaggtagcc taaaggagaa gaacttttca ctggagttgt	2100
cccaattctt gttgaatttag atggtagtgt taatgggcac aaattttctg tcagtggaga	2160
gggtgaaggt gatgcaacat acggaaaact tacccttaaa tttatggca ctactggaaa	2220
actacctgtt ccatggccaa cacttgtcac tactttctct tatgggttcc aatgctttc	2280
ccgttatccg gatcatatga aacggcatga cttttcaag agtgcgtgc ccgaaggta	2340
tgtacaggaa cgcactatat ctttcaaaga tgacggaaac tacaagacgc gtgctgaagt	2400
caagtttggaa ggtgataccc ttgttaatcg tatcgagttttaaa aaggtattttag atttttaaaga	2460
agatggaaac attctcggac acaaactcga gtacaactat aactcacaca atgtatacat	2520
cacggcagac aaacaaaaga atgaaatcaa agctaacttc aaaattcgc acaacattga	2580
agatggatcc gttcaacttag cagaccatta tcaacaaaat actccaatttgc gcgatggccc	2640
tgtcctttta ccagacaacc attacctgtc gacacaatct gccctttcga aagatccaa	2700
cgaaaacgtt gaccatgg tccttcttgc gtttgcgtact gctgctggga ttacacatgg	2760
catggatgag ctctacaaaat aaaagcttac gttagacaaa aactcatctc agaagaggat	2820
ctgaatagcg ccgtcgacca tcattcatcat catcatttgcg tttaaacgggt ctccagcttg	2880
gctgtttgg cggatgagag aagatttca gcctgatata gattaaatca gaacgcagaa	2940
gccccgtataaaacagaat ttgcctggcg gcagtagcgc ggtggtccc cctgacccca	3000
tgccgaactc agaagtggaaa cggcgtagcg ccgtggtagt tttgggtct ccccatgcga	3060
gagtagggaa ctgccaggca tcaaataaaa cgaaaggctc agtcgaaaga ctggcccttt	3120

YFPGGFP Sequence.ST25.txt

cgtttatct gttgtttgtc	ggtgaacgct ctcctgagta	ggacaaatcc gccgggagcg	3180
gatttgaacg ttgcgaagca	acggcccggaa gggtggcggg	caggacgccc gccataaaact	3240
gccaggcatc aaattaagca	gaaggccatc ctgacggatg	gccttttgc gtttctacaa	3300
actcttttg tttattttc	taaatacatt caaatatgtt	tccgctcatg agacaataac	3360
cctgataaaat gcttcaataa	tattgaaaaa ggaagagtat	gagtattcaa catttccgtg	3420
tcgcccattat tcccttttt	gcggcatttt gccttctgt	tttgctcac ccagaaacgc	3480
tggtaaaagt aaaagatgt	gaagatcagt tgggtgcacg	agtgggttac atcgaactgg	3540
atctcaacag cgtaagatc	cttgagagtt ttcgccccga	agaacgtttt ccaatgtga	3600
gcactttaa agttctgcta	tgtggcgcgg tattatcccg	tgttgcgc gggcaagagc	3660
aactcggtcg ccgcatacac	tattctcaga atgacttgtt	tgagtactca ccagtcacag	3720
aaaagcatct tacggatggc	atgacagtaa gagaattatg	cagtgcgtcc ataaccatga	3780
gtgataaacac tgccggccaac	ttacttctga caacgatcgg	aggaccgaag gagctaaccg	3840
ctttttgca caacatgggg	gatcatgtaa ctcgccttga	tcgttggaa ccggagctga	3900
atgaagccat accaaacgac	gagcgtgaca ccacgatgcc	tgttagcaatg gcaacaacgt	3960
tgcgc当地 attaactggc	gaactactta ctctagcttc	ccggcaacaa ttaatagact	4020
ggatggaggc ggataaaagtt	gcaggaccac ttctgcgctc	ggcccttccg gctggcttgt	4080
ttattgctga taaatctgga	gccggtgagc gtgggtctcg	cgttacatt gcagcactgg	4140
ggccagatgg taagccctcc	cgtatcgtag ttatctacac	gacggggagt caggcaacta	4200
tggatgaacg aaatagacag	atcgctgaga taggtgcctc	actgattaag cattggtaac	4260
tgtcagacca agtttactca	tataacttt agattgattt	aaaacttcat ttttaattta	4320
aaaggatcta ggtgaagatc	cttttgata atctcatgac	caaaatccct taacgtgagt	4380
tttcgttcca ctgagcgtca	gaccccgtag aaaagatcaa	aggatcttct tgagatcctt	4440
ttttctgcg cgtaatctgc	tgcttgcaaa caaaaaaaaacc	accgctacca gcgggtgttt	4500
gtttgccgga tcaagagcta	ccaaactctt ttccgaaggt	aactggcttc agcagagcgc	4560
agataccaaa tactgtcctt	ctagtgttagc cgtagttagg	ccaccacttc aagaactctg	4620
tagcaccgcc tacatacctc	gctctgctaa tcctgttacc	agtggctgct gccagtggcg	4680
ataagtcgtg tcttaccggg	ttggactcaa gacgatagtt	accggataag gcgcagcgg	4740
cgggctgaac ggggggttcg	tgcacacagc ccagcttggaa	gcgaacgacc tacaccgaac	4800
ttagataacct acagcgtgag	ctatgagaaa gcgcacgct	tcccgaaggg agaaaggcgg	4860
acaggtatcc ggtaaagcggc	agggtcgaa caggagagcg	cacgaggag cttccagggg	4920
gaaacgcctg gtatctttat	agtccctgtcg ggttgcaca	cctctgactt gagcgtcgat	4980
tttgcgtatg ctcgtcaggg	ggcggagcc tatggaaaaa	cgccagcaac gcggccttt	5040

YFPGGFP Sequence.ST25.txt

tacggttcct	ggcctttgc	tggcctttg	ctcacatgtt	cttcctgcg	ttatcccgt	5100
attctgtgga	taaccgtatt	accgccttg	agttagctga	taccgctcg	cgcagccaa	5160
cgaccgagcg	cagcgagtca	gtgagcgagg	aagcggaga	gcgcctgatg	cggtatattc	5220
tccttacgca	tctgtcggt	atttcacacc	gcatatggtg	cactctcagt	acaatctgct	5280
ctgatgccgc	atagttAAC	cagtatacac	tccgctatcg	ctacgtgact	gggtcatggc	5340
tgcgccccga	cacccgccaa	cacccgctga	cgcgcctga	cgggcttgc	tgctcccggc	5400
atccgcttac	agacaagctg	tgaccgtctc	cgggagctgc	atgtgtcaga	ggttttacc	5460
gtcatcaccg	aaacgcgcga	ggcagcagat	caattcgcg	gcgaaggcga	agcggcatgc	5520
atttacgttg	acaccatcga	atggtgaaa	acctttcg	gtatggcatg	atagcgccc	5580
gaagagagtc	aattcaggg	gttgaatgtg	aaaccagtaa	cgttatacga	tgtcgagag	5640
tatgccgtg	tctcttatca	gaccgttcc	cgcgtgg	accaggccag	ccacgtttct	5700
gcgaaaacgc	ggaaaaaaagt	ggaagcggcg	atggcggagc	tgaattacat	tcccaaccgc	5760
gtggcacaac	aactggcggg	caaacagtcg	ttgctgattt	gcgttgccac	ctccagtcg	5820
gccctgcacg	cgccgtcgca	aattgtcg	gcfattaaat	ctcgccg	tcaactgg	5880
gccagcgtgg	tgggtcgat	ggtagaacga	agcggcgtcg	aagcctgtaa	agcggcgg	5940
cacaatcttc	tcgcgcac	cgtcagtgg	ctgatcatta	actatccgt	ggatgacc	6000
gatgccattt	ctgtggaaac	tgcctgcact	aatgttccgg	cgttatttct	tgtatgtct	6060
gaccagacac	ccatcaacag	tattatttc	tcccatgaag	acggta	cgc actggcgt	6120
gagcatctgg	tcgcatttgg	tcaccagcaa	atcg	cgctgt	tagcggccc	6180
gtctcggcgc	gtctcg	ggctggctgg	cataaatatc	tcactcg	caaattc	6240
ccgatagcgg	aacgggaagg	cgactggagt	gccatgtcc	gtttcaaca	aaccatg	6300
atgctgaatg	agggcatcg	tcccactgc	atgctgg	ccaacgatca	gatggcgt	6360
ggcgcaatgc	gcccattac	cgagtccgg	ctgcgc	gtgcggat	atctcg	6420
ggatacgacg	ataccgaaga	cagctcatgt	tatatccc	cgtcaacc	catcaa	6480
gattttcgcc	tgctgggca	aaccagcgt	gaccg	ctgc	actctc tcagg	6540
gcggtaagg	gcaatcag	gttgc	ccgt	aaagaaaaac	cacc	6600
cccaatacgc	aaaccgc	tcccg	ttggcc	attatg	gac	6660
caggttccc	gactggaaag	cggc	actg	gcaac	gca attatgt	6720
attgatctg						6729